Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known		
				Application Number	10/810,491-Conf. #8127	
II.	IFORMATION	l DI	SCLOSURE	Filing Date	March 26, 2004	
S	TATEMENT E	3Y /	APPLICANT	First Named Inventor	Yoshikazu Okada	
				Art Unit	1742	
	(Use as many she	ets as	necessary)	Examiner Name	S. R. Kastler	
Sheet	1	of	2	Attorney Docket Number	20154/0201085-US0	

	U.S. PATENT DOCUMENTS						
Examiner	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
Initials*		Number-Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document			
		-					
		-					
_							
							
_							
_							

	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,			
initials*	No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages Or Relevant Figures Appear	I _e		
	ВА	EP-0555192A1	08-11-1993	Sandvik Ab				
	ВВ	JP-2002003906	01-09-2002	Hitachi Tool Eng				
	ВС	JP-61037399	02-22-1986	Hitachi Powdered Metals				
	BD	JP-03277701	12-09-1991	Mitsubishi Materials Corp				
	BE	JP-09249902	09-22-1997	Mitsubishi Materials Corp				
	BF	JP-10140210	05-26-1998	Toyota Motor Corp				
	BG	JP-5631532	03-27-1981	Hata Iron Works, Co., Ltd.				

Examiner		·	Date	
Signature			Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08b (01-08)
Approved for use through 06/30/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Subs	stitute for form 1449/PTO			Complete if Known		
				Application Number	10/810,491-Conf. #8127	
IN	FORMATION	N DI	SCLOSURE	Filing Date	March 26, 2004	
S	TATEMENT I	BY /	APPLICANT	First Named Inventor	Yoshikazu Okada	
				Art Unit	1742	
	(Use as many sh	eets as	necessary)	Examiner Name	S. R. Kastler	
Sheet	2	of	2	Attorney Docket Number	20154/0201085-US0	

the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), v		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	World Directory and Handbook of Hardmetals and Hard Materials, Sixth Edition by Kenneth J A Brookes, published by International Carbide Data, 1975-1996, pp. 131-135, 157-159	
	СВ	World Directory and Handbook of Hardmetals and Hard Materials, Fifth Edition, by Kenneth J A Brookes; published by International Carbide Data, 1975-1992, pp. 115-120, 145	

Examiner	Date
Signature	Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.